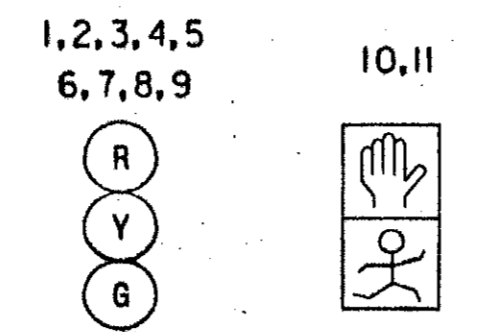
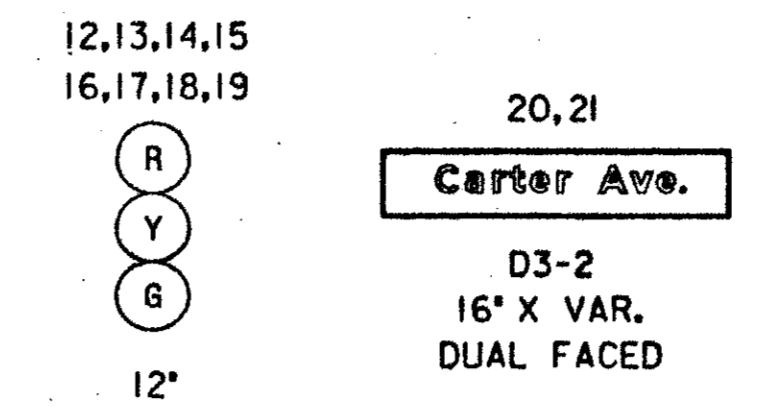


MD 450 IS ASSUMED TO RUN
IN AN EAST/WEST DIRECTION.

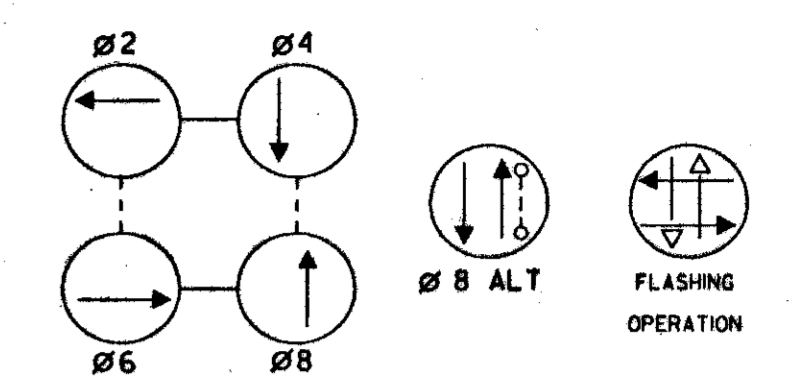
EXISTING SIGNALS



PROPOSED SIGNS/SIGNALS

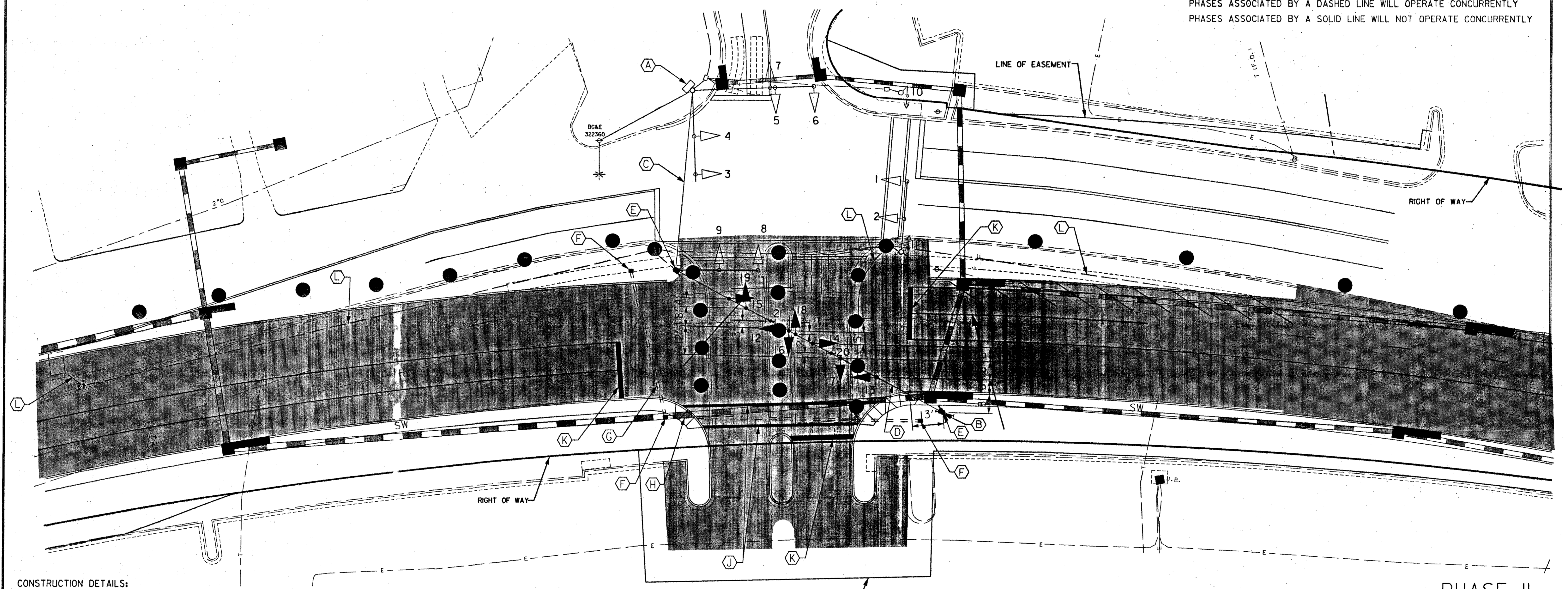


NEMA PHASING



NEMA NOTES

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



CONSTRUCTION DETAILS:

- A. USE EXISTING POLE MOUNTED CABINET AND CONTROLLER WITH VIDEO TRAFFIC DETECTION SYSTEM TO BE INSTALLED BY SHA.
- B. INSTALL 40 FT. CLASS II WOOD STRAIN POLE WITH TWO BACK GUYS AND VIDEO TRAFFIC CAMERAS (NOTE: DO NOT CUT CABLES UNTIL CAMERAS ARE PLACED AT THEIR ULTIMATE POSITION).
- C. INSTALL $\frac{3}{8}$ IN. STEEL SPAN WIRE AND $\frac{1}{4}$ IN. STEEL TETHER WIRE.
- D. INSTALL $\frac{3}{8}$ IN. STEEL SPAN WIRE, $\frac{1}{4}$ IN. STEEL TETHER WIRE, VEHICULAR SIGNAL HEADS, AND SIGNS (NOTE: BAG VEHICULAR SIGNAL HEADS AND SIGNS UNTIL PHASE THREE).
- E. INSTALL VIDEO TRAFFIC CAMERAS ON EXISTING POLE (NOTE: DO NOT CUT CABLES UNTIL CAMERAS ARE PLACED AT THEIR ULTIMATE LOCATION).
- F. INSTALL HANDHOLE.
- G. INSTALL 4 IN. (SCH 80) PVC ELECTRICAL CONDUIT-BORED.
- H. INSTALL 4 IN. (SCH 80) PVC ELECTRICAL CONDUIT-SLOTTED.
- J. INSTALL 12 IN. HEAT APPLIED THERMOPLASTIC WHITE PAVEMENT MARKING FOR CROSSWALK.
- K. INSTALL 24 IN. HEAT APPLIED THERMOPLASTIC WHITE PAVEMENT MARKING FOR STOP LINE.
- L. CAP AND ABANDON OR REMOVE EXISTING CONDUIT.

PHASE II CONSTRUCTION

THE WILSON T. BALLARD CO.
CONSULTING ENGINEERS
OWINGS MILLS, MARYLAND

REVISIONS		APPROVALS	
1	1/2002 SIGNAL MODIFICATION DUE TO RECONSTRUCTION ON MD 450	ORIGINAL	
2	REVISED LENGTH OF LOOP DETECTORS AT ENT. TO SHOPPING MALL	ON	
		ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION	
		CHIEF TRAFFIC ENGINEERING DESIGN DIVISION	
		FILE	
		DIRECTOR, TRAFFIC & SAFETY	

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION <i>Office of Traffic & Safety</i> TRAFFIC ENGINEERING DESIGN DIVISION	
MD 450 - WHITFIELD CHAPEL ROAD TO SEABROOK ROAD MD 450 AT CARTER AVENUE PHASE II SIGNAL	
DRAWN BY: MB CHECKED BY: PDU SCALE: 1"=20' DATE: JANUARY 2002	F.A.P. NO. SEE TITLE SHEET S.H.A. NO. PG9005471 COUNTY: PRINCE GEORGE'S LOG MILE: 134 OF 175